

Endoscope system is flexible has radio control and picture transmission can be completely swallowed

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Abstract

The endoscope (10) can be swallowed to move down the digestive system and has a bendable (13) and flexible parts (14) with transceiver (14b) and a rigid part with optical sensor (15). A balloon can be inflated by compressed air (14f) to expand the body part being investigated for better viewing.

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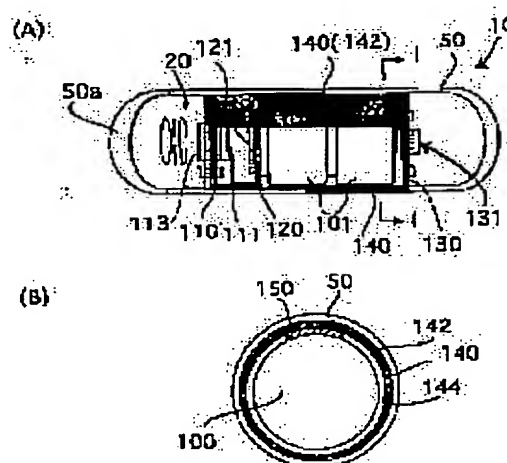
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(54) CAPSULE ENDOSCOPE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a capsule endoscope which can assure safety to the human body and can maintain a good signal transmission state.

SOLUTION: This capsule endoscope has an illumination means which illuminates the inside of the living body, an imaging means which picks up the image of the part to be inspected illuminated by this illumination means, a modulated signal transmission means which modulates the output of this imaging means to a transmission signal and transmits this signal, a signal transmission antenna which sends the transmission signal outputted from the modulated signal transmission means and a shielding member which prevents the noise liable to be generated during the signal transmission by this signal transmission antenna within a hermetic capsule.



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